

Healthcare



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ABOUT DULUX

For generations, our customers have relied on Dulux products for their homes, businesses and projects both residential and commercial in nature. Today, Dulux extends its capabilities with an industry leading suite of products and services in the diverse Australian healthcare sector.

Dulux is a manufacturer and marketer of products that protect, maintain and enhance the spaces and places in which we live and work. At home, in the office, the factory, the cars we travel in or the timber decking we entertain on; Dulux product solutions are there doing their job as they have done and will continue to do for generations.

The Dulux range includes powder coatings, protective coatings, texture products and systems, woodcare products and decorative solutions.

Dulux has always been committed to understanding the needs of its end users and as a result has developed market leading positions in a wide range of building and home improvement categories. Our investment in leading technologies and R&D underpin our success.

Our products are produced to the highest quality standards and we are wholly committed to providing innovative product solutions that satisfy the needs of our customers today and into the future.

How colour defines us

For us at Dulux, colour reflects and defines who we are and who we aspire to be. It is expressive, creative, complimentary and always conversational. We love it and we seek to build an environment that fosters a similar passion for it.

The Dulux World of Colour is an extension of our commitment to colour.



SUSTAINABILITY

Environmental sustainability is a core element of the Dulux business philosophy. Dulux is committed to the ongoing research and development of innovative products that are more sensitive towards nature. This is evident in our proactive shift from solvent-based products to water-based alternatives, and the introduction of Australia's first low VOC paint in the early 1990s.

A member of the Green Building Council of Australia, Dulux strives to strike a better environmental balance as illustrated in our holistic approach to the overall painting process. From initiating sustainable business partnerships, through to products and even the actual clean-up stage, we are continually developing new ways to reduce the environmental impact of our products, without affecting their outstanding performance and the quality results that Australia's professional painters have come to expect from Dulux.



green building council australia
MEMBER





THE IMPORTANCE OF INNOVATION IN HEALTHCARE

Our innovation program is designed to provide solutions to the ever changing coating needs of our consumers, customers, markets, society, and the environment.

Dulux has a proven track record of innovation and new product development that is supported by dedicated R&D facilities as well as alliances with international and local technology partners.

The Dulux brand is synonymous with innovation, excellence and performance. Throughout our history we have sought to deliver the highest quality products to Australian homes, business and industry and in doing so, have become an

entrenched part of the Australian colour and decorative landscape. Dulux continues today to seek out decorative solutions that make the lives of both applicators and end consumers easier and more colourful.

Our innovations in healthcare continue to be a focus with purpose built products designed to suit the needs of these complex and ever evolving clinical settings. Key partnerships with healthcare experts and providers further allows us to be engaged and informed of the latest technical developments and requirements in the market and we continue to build and foster these ongoing relations.

BUILDING AND DEVELOPMENT IN THE HEALTHCARE SECTOR

With healthcare inevitably continuing to be a key development area for the building industry, Dulux seeks to remain at the forefront of these projects by ensuring it is engaged, active and informed of key trends and initiatives in the sector.

With years of experience and expertise in healthcare, the Dulux specification team is charged with recommending and providing tailored decorative solutions for all healthcare environments spanning hospitals (both public and private), day surgeries, doctors surgeries, residential aged care facilities and other healthcare settings.

Important considerations for decorative coatings in healthcare

It is important to recognise the role that colour plays in public and commercial buildings in ensuring that patients are at the forefront of considerations, with visually impaired for example needing to easily navigate and access various areas of the facility.

The various state based building regulations provide guidance here and outline the need for critical surfaces to be highlighted in colours and shades that have an appropriate contrast. This is known as the light reflectance value (LRV).

Product Suitability

Along with colour, selecting the right decorative products in the healthcare space is essential. A key driver in this process is ensuring that products can withstand the rigorous clinical cleaning regimes demanded in these facilities. These products should have high durability, tough and washable properties and be low odour where possible.

Selecting some of today's high performance specialist coatings can also contribute towards health and safety requirements. Dulux Professional® SteriGuard® for example provides a high durability finish that is purpose built to withstand harsh cleaning agents. It uses Bio-Pruf™ technology to deliver an anti mould, anti mildew solution when used in conjunction with facility cleaning programmes.

Technical and colour advice from Dulux

This booklet is designed to provide you with some immediate guidance on decorative coatings for healthcare facilities. It highlights key considerations for specific situations, recommends suitable products for different surfaces and suggests colour schemes to create the right environment. If you would like more help and advice or a tailored approach for your project, our dedicated specification team is here to help. They can provide an initial on-site consultation or work from plans and project briefs. Following their investigations they can provide a bespoke written specification and colour scheme document incorporating suggestions from the Dulux Colour Atlas containing over 4,500 unique colours.



COLOUR

The role of colour in healthcare

Colour is one of the most important elements in commercial design.

Of course, at Dulux we live and breathe colour everyday! Colour can affect the feeling of space, evoke emotion and is the most essential ingredient to the overall design of the space. Selecting the right colour or combination of colours can help a room feel more relaxed, release powerful memories, create a restful mood or stimulate the senses.

Without colour a room would feel very unwelcoming. We are surrounded by colour in nature and our modern world, so colours for healthcare projects need to be carefully considered to fully understand who will be using the space, what the main function of the space is and how colour will best be used to its full potential alongside other key features, furnishings and materials.



Blue Palette

Research suggests that blues have healing properties. Physiologically, blues have been known to reduce the heartbeat and create a calming effect. Colour memory also plays a significant role with blue and can be linked with blue skies and our connection with water, creating an overall dependable sense. These soft blues, along with the neutrals, can create a subtle harmony and a relaxed and peaceful setting for commercial spaces.



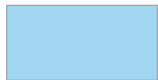
Shimmer



Sky Bus



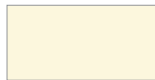
Grey Pebble



Shimmer Half



Sky Bus Half



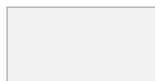
Vanilla Quake



Shimmer Quarter



Sky Bus Quarter



Lexacon Quarter

Natural Palette

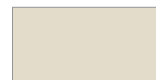
The natural palette of beige, stone and subtle greens are easy colours to use in commercial spaces. These colours will easily scheme alongside many other fixtures and fittings and also work with accents in stronger and brighter colours as well as corporate colours.



Pale Tendril Quarter



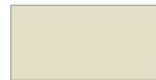
White Duck Quarter



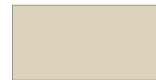
Hog Bristle Half



Medlar



Ecru Half



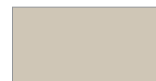
Hog Bristle



Garden Pond



Pale Tendril



Beige Royal

For hospital or medical projects colour should reflect the needs of the patient and provoke a sense of healing and comfort. A beautiful, restful environment with a balanced design can provide a positive surrounding for those recovering and recuperating. Cooler tones can help create a feeling of respite with colours such as soft blue, aqua, green, grey or mauve. Warmer tones such as subtle pink, lilac, lemon, apricot, warm whites and neutrals can evoke a feeling of home. These colours would be perfect for aged care facilities to help the elderly feel more at ease.

Creating colour schemes with patients in mind

Colour in a healthcare environment should do much more than just make the building look attractive. Well chosen decor can contribute positively to the creation of an environment in which patients can feel comfortable and nurtured.



Green Palette

Green has always been connected with nature and exudes a sense of tranquility and relaxation. Green can create the condition of meditation and satisfaction. Green has also been shown to lighten moods and helps people become more relaxed. This soft palette of greens will create a mood of a refreshed and peaceful space feeling like a sanctuary. These colours are perfect for waiting rooms and public spaces along with staff rooms and bedrooms.



Celery Satin



Fresh Lime



Gondolier



Mountain Spring Half



Fresh Lime Half



Aqua Frost



Celery Satin Quarter



Fresh Lime Quarter



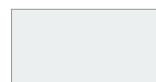
Aqua Frost Quarter

Whites Palette

The purity of using a white can create an illusion of space and increase light reflection, which is perfect for those rooms which are often on the darker side of a building. Using white in a larger commercial environment will help to create a blank canvas which is perfect if the fittings and furniture are bright or use pop colours. This palette includes both cool whites and warm whites to select from to help complete the perfect ambiance for your commercial space.



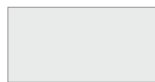
Lexicon Half



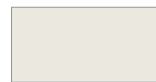
White On White



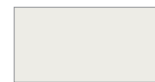
Vivid White



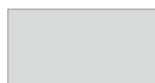
Lexicon



Whisper White



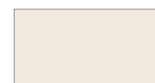
Natural White



Terrace White



White Exchange Half



Antique White



HOW TO COLOUR SPECIFIC HEALTHCARE AREAS

A well chosen colour selection within a healthcare setting can contribute positively to the creation of an environment in which patients can feel comfortable and at ease. We recommend the following:

Step 1 – Start by selecting a neutral for the main broad wall colour.

Step 2 – Select a shade for the feature wall.

Step 3 – Select a colour for the doors.

The following colour schemes reflect recommendations from our experienced colour team within a series of key healthcare environments. Begin by choosing a neutral as this will be the main colour used for the majority of wall surfaces and add in your selection of accents across both feature walls and doors.

Waiting Rooms

Waiting room areas can be busy and patients may spend long periods of time there. Colour should be used to create interest, keep the mood of patients elevated but also be relaxing. Use colour to delineate departments and also to highlight architectural features in the space.

Corridor/reception

Colour in corridors or reception areas can be utilized to make the facility feel less institutional. Use key colours behind nurse's stations and reception desks to communicate their importance and break up long passageways with a change in colour to indicate departments or provide directional assistance.

Neutrals



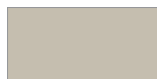
Pale Tendril Quarter



White Duck Quarter



Hog Bristle Half



Beige Royal

Feature walls



Kelly's Flower



Milpa



Mary Rose

Doors



Azure Blue



Carol

Result



Feature walls



Espirit



Sky Bus



Lavender Mist

Doors



Smoked Amethyst



Harbour master

Result



HOW TO COLOUR SPECIFIC HEALTHCARE AREAS

CONTINUED

Patient rooms (wards)

Colour can be used here to make the space feel more comfortable for the patient and to visitors. Colours must not be too intense so as not to affect visual diagnosis but colour that has some interest can be used on the wall behind the patient to provide a more comforting, personal space.

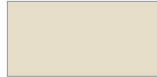
Pediatric

Children's wards should be fun, inviting and interesting with careful thought placed on the use of colour in patient rooms – to ensure the wall colour that patients may be facing or long periods is still restful and calming. Keeping a simple, clean colour palette providing a sense of fun can be reassuring to children.

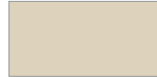
Neutrals



Pale Medlar



Ecru Half



Hog Bristle



Garden Pond

Feature walls



Balsa Stone



Stately Frills



Becker Blue

Doors



Glass Sea



Impressionist Blue

Result



Feature walls



Wild Phlox



Sky Bus



Jungle Juice

Doors



Harbour Blue



Mineral Green

Result



Please note that not all colours suggested may be achievable off a white base.

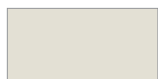
Operating room

Cooler muted shades are favoured in operating rooms. Walls that are or have an undertone of green or blue-green, assist in neutralizing the after-image produced by the surgeons prolonged concentration on an open wound. These colours are also subtle and so will not be distracting.

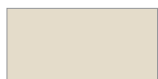
Neutrals



Pale Tendril Quarter



White Duck Quarter



Hog Bristle Half

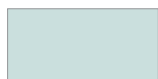


Pale Tendril

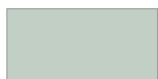
Feature walls



White Box



Zenith Heights



Zen

Doors



Ocean Current



Leamington

Result



Intensive care

Calming and restful colours are key in these spaces. Soft neutrals used with muted pastel hues to create interest can form a soothing environment that is conducive to rest and healing.

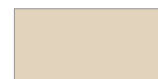
Feature walls



Mud Berry



Ellen Half



Raw Cotton

Doors



Powdered Gum



Spearmint Ice

Result





CLEANING STANDARDS FOR HEALTH FACILITIES

Overview

The below are indicative standards outlined for key functional areas in healthcare environments. Each area is grouped according to risk.

Functional Areas	Required Standard of Cleanliness	Functional Areas Included in the Risk Category	Additional Internal Areas
Very High Risk Category A HIGH INTENSITY	The standard of cleanliness for functional areas in the very high risk category is of critical importance	<ul style="list-style-type: none"> Operating theatres: This may include procedure areas in other departments where significant invasive procedures are performed and patients are at a very high risk of infection Invasive procedure areas: endoscopy and cardiac catheter laboratories should routinely be included in this risk category Intensive care unit (ICU) Level 2 and level 3 nurseries Special needs patient/area: areas with patients who are immuno-suppressed, burns units and infectious disease units Central sterilising and operating suite service departments/areas (CSSD & OSSA) 	Where bathrooms, corridors, storerooms, lecture/meeting rooms, offices, pan rooms and staff lounges provide direct access to very high risk functional areas it is essential that they are also weighted accordingly and receive the most intensive and frequent level of cleaning. However, if direct access does not occur then the adjoining areas listed above do not need to be weighted in the same way.
High Risk Category B HIGH INTENSITY/ GENERAL CLINICAL	The standard of cleanliness for functional areas in the high risk category is of high importance	<ul style="list-style-type: none"> Sterile stock storage Emergency department Pharmacy – clean area General wards: This includes level 1 nursery and CCU, oncology and dialysis units, delivery and birthing suites, and non-invasive treatment and procedure rooms 	Where bathrooms, corridors, storerooms, lecture/meeting rooms, offices, pan rooms and staff lounges provide direct access to high risk areas it is essential that they are also weighted accordingly and receive the same level of cleaning. However, if direct access does not occur then the adjoining areas listed above do not need to be weighted in the same way.
Moderate Risk Category C GENERAL CLINICAL	The standard of cleanliness for functional areas in the moderate risk category is very important	<ul style="list-style-type: none"> Day activity area Residential accommodation General pharmacy Laboratories Medical imaging (non-invasive) Cleaning equipment room Cafeteria Rehabilitation area Pathology Kitchenette/pantry Mortuary Outpatient clinic Waiting room Public areas 	Where bathrooms, corridors, storerooms, lecture/meeting rooms, offices, pan rooms and staff lounges provide direct access to moderate risk areas it is essential that they are also weighted accordingly and receive the same level of cleaning. However if direct access does not occur then the adjoining areas listed above may not need to be weighted in the same way.
Low Risk Category D GENERAL CLINICAL	The standard of cleanliness for functional areas in the low or minimal risk category remains important for maintaining good hygiene and confidence in the health care environment in general	Administrative areas <ul style="list-style-type: none"> Non-sterile supply Record storage Engineering workshops Plant rooms External surrounds 	Areas adjoining low risk functional areas should also receive the same level of cleaning. These include balconies, bathrooms, corridors, elevators, lecture/meeting rooms, pantry/ kitchenette, offices, staff lounges, storerooms and loading docks.

Source: Infection Control Consultancy (ICC).

CLINICAL ENVIRONMENTS

Defining clinical environments

General clinical environments (Category B, C & D)

These include areas such as receptions, waiting rooms, general wards, nurse stations and hallways.

High intensity clinical environments (Category A & B)

These include areas such as operating suites, trauma bays, emergency rooms, procedure rooms, intensive care units and laboratories.

Aged care facilities



Residential Aged Care Facilities (RACF)



Retirement villages

Medical facilities



Surgeries



Clinics



Veterinary



Dentists

ARCHITECTURAL COATINGS TECHNOLOGY FOR CLINICAL ENVIRONMENTS

Architectural coatings technology for clinical environments

Environmental hygiene in healthcare settings is now a critical element of work practices which can lead to a reduction in the transmission of problem healthcare associated organisms such as methicillin-resistant *Staphylococcus aureus* (MRSA), vancomycin-resistant *Enterococcus* (VRE) *Acinetobacter*, norovirus and *Clostridium difficile*.

These organisms have been shown to persist in the environment for a period of days to weeks/months in some cases. As an example Vancomycin-Resistant *Enterococcus* (VRE) can stay in the environment for 5 days – 4 months, *Staphylococcus aureus* including methicillin resistant *Staphylococcus aureus* (MRSA) for 2–9 weeks, *Acinetobacter* species for 3 days – 5 months, and *Pseudomonas aeruginosa* for 6 hours – 16 months.

Once in the environment these organisms frequently contaminate surfaces in rooms of colonised or infected patients and staff hands may become transiently contaminated when they touch these surfaces. This may result in the organism being transmitted to other patients or contribute to transmission during an outbreak.

Controlling the transmission of these problem organisms can include isolation precautions and procedures, strategies to improve hand hygiene compliance and frequent, rigorous surface cleaning and disinfecting schedules using chemical

agents such as chlorine (i.e. bleach) based products. These chemical agents can be harsh on surfaces and may cause damage, corrosion and discoloration.

Hence, it is important that all surfaces, including coated surfaces are able to tolerate these surface cleaning and disinfecting schedules used in the management of multi-resistant organisms and outbreaks.

In addition there are a number of moderate to high risk functional areas in healthcare settings where the standard of cleanliness is considered to be very important or critical. These functional areas are where the risk of infection is high or the risk of contamination may result in infection. Some of these areas include; operating theatres, intensive care units, emergency and trauma departments, neonatal nurseries, special need patient areas such as burns units, haematology/oncology units, general wards, birthing suites, pharmacies, laboratories and sterile stock storage areas.

The Dulux range of SteriGuard coatings includes products suitable for healthcare settings and are designed to facilitate environmental hygiene work practices including rigorous surface cleaning and disinfecting schedules.

Source: Infection Control Consultancy (ICC).







Introduction to SteriGuard®

In order to meet healthcare facility protocols, clinical environments require a higher frequency of cleaning with especially harsh disinfectants. This raises a challenge for facility administrators, architects and specifiers as these harsh cleaning regimes place a greater emphasis on coatings to deliver a hardwearing, chemical resistant finish, without sacrificing the aesthetics or low odour/low VOC* requirements.

International markets have made inroads into such offers, however in Australia most systems are delivered via conventional paints without specific testing to meet hospital requirements. As part of the Dulux innovation program, we have worked to deliver this dedicated range of products targeted at clinical environments. These have been thoroughly tested against harsh cleaning regimes to ensure we meet the expectations that come with being the market leader in this space.

Guidelines for product development

It is important to note the requirements of infection control departments in healthcare facilities when developing the SteriGuard range. The regimented cleaning programmes were outlined as being critical in ensuring best practice in infection prevention and control. In order to achieve this, surfaces need to be durable and readily cleanable.

Of the varying room types in Australian healthcare facilities, isolation rooms were noted as especially useful for preventing the spread of infectious organisms to other patients and staff but it is important to note that all room types including standard rooms and positively/negatively ventilated rooms all serve key purposes in infection control programs.

The SteriGuard product needed to deliver a low odour, ease of clean, low VOC* and hard wearing solution for these facilities and as per testing and support data has delivered to these characteristics. The range will become an important

component of facility maintenance as cleaning programs and products becomes more advanced.

The research

A need for coatings specific to clinical environments

For hospital administrators who are concerned with meeting facility protocols without sacrificing aesthetics and durability, traditional paint coatings were not delivering to these specific needs.

Often hospitals are forced to apply products that:

- Have higher sheen levels that are aesthetically unappealing or performance is compromised to favour aesthetic appeal (lower sheen).
- Are not designed to withstand clinical grade cleaning regimes which are harsher than non clinical environments (chemical resistance).
- Are not designed to withstand the regularity of clinical cleaning cycles in both general and intensive clinical environments (durability).

Durability is king

Dulux technical partner, Bayer MaterialScience, conducted a series of market research events with architects and specification writers as well as healthcare, hotel, governmental, and university facility decision makers and asked them what attributes were most important in a high durability wall and trim coating. They learned that although price was important, decision makers considered durability and low odour of more importance. In addition to this they were also looking for a paint with the capacity to have a low sheen finish.

Research outcomes

Using this research, and working with our technology partners Dulux identified the following key attributes required to deliver the desired outcomes in clinical environments:

Chemical resistance	Coatings must withstand harsh clinical disinfecting requirements which are needed to meet facility protocols. Helps hospitals to meet infection control protocols without sacrificing patient comfort or durability of walls.
Durability	Coatings must be durable to withstand the frequency of clinical cleaning cycles. This saves costs over time.
Aesthetic benefit	Architects and interior designers have identified the need to be able to use lower gloss coatings to impart a desired aesthetic quality to clinical rooms that is softer and more welcoming look. This is important for patient comfort and LRV levels.
Low odour	Low odour formula ensures quick return to service with less disruption. This reduces operational costs.
Low VOC	Must meet GBCA guidelines for VOC content. This ensures the product delivers to environmental standards and benchmarks.

Please note: the SteriGuard formula has been aligned to Bio Level 2 (BL2) which is ANZ aligned to PC2 (Physical Containment Level 2).

* Please note that Dulux Professional SteriGuard Water Based Enamels are not low VOC.

ZONE GENERAL CLINICAL WHERE BROADWALL



SteriGuard Durable Acrylic Low Sheen

Dulux Professional SteriGuard® Durable Acrylic Low Sheen is a premium, hard wearing and chemical resistant interior water based product designed to withstand general cleaning cycles in general clinical environments.

Dulux Professional SteriGuard Durable Acrylic Low Sheen is ideal for common use areas in clinical environments. The low VOC†, low odour formula ensures quick return to service with less disruption.

Dulux Professional SteriGuard Durable Acrylic Low Sheen contains Bio-Pruf™ Technology, which when combined with clinical cleaning programmes, helps assist in the protection against mould and mildew to keep surfaces clean and help maintain good indoor air quality. All Dulux Professional products are designed to meet the application needs of professional painters.



Why SteriGuard Durable Acrylic Low Sheen?

Dulux Professional SteriGuard Durable Acrylic Low Sheen delivers the following key benefits for asset owners:

High chemical and scrub resistance > This helps hospitals and clinical environments to meet infection control protocols without sacrificing on durability.

Low sheen > Aesthetic benefits as per feedback from key industry decision makers requesting low gloss coatings for patient comfort.

Low odour > Enabling quick return to service and less disruption to patients.

Low VOC > Delivers on GBCA guidelines for VOC content.

Contains Bio-Pruf™ Technology > Assists in the prevention of mould and mildew growth when used in conjunction with clinical cleaning programmes.

Where to use?

Dulux Professional SteriGuard Durable Acrylic Low Sheen is ideal for broadwall areas in general clinical environments such as receptions, wards and public areas.

FAQs

Can this product be tinted?

Yes, it can be tinted to any Dulux colour from a white base.

What bases are available?

The product is available in a white base only.

What sort of chemical resistance does it have?

Dulux Professional SteriGuard Durable Acrylic Low Sheen was tested successfully against each of the major chemical cleaning agents used in clinical facilities including chlorine agents, quaternary ammonium agents, disinfectant wipes, low level biocides and benzalkonium chlorides.

Do the VOC levels meet the GBCA VOC requirements for interior broadwall low sheen coatings?

Yes, Dulux Professional SteriGuard Durable Acrylic Low Sheen meets these guidelines for low <16 g/L of VOC.

† Low VOC content: This paint contains less than 16g per litre (untinted and tinted) of VOCs (Volatile Organic Compounds). VOCs contribute to atmospheric pollution.

ZONE GENERAL CLINICAL WHERE DOORS, WINDOWS & TRIM



SteriGuard Water Based Enamel

Dulux Professional® SteriGuard® Water Based Enamel is a premium, hard wearing and chemical resistant interior/exterior water based enamel designed to withstand cleaning cycles in clinical environments on doors, windows and trim areas. The low odour formula ensures quick return to service with less disruption.

Dulux Professional SteriGuard Water Based Enamel contains Bio-Pruf™ Technology allowing it to withstand clinical cleaning cycles, therefore assisting in the protection against the growth of mould and mildew to keep surfaces clean and help maintain good indoor air quality. These water based enamels are available in gloss and semi gloss options. All Dulux Professional products are designed to meet the application needs of painters.

Why SteriGuard Water Based Enamel?

Contains Bio-Pruf™ Technology > Assists in the prevention of mould and mildew growth when used in conjunction with clinical cleaning programmes.

Hard wearing > Withstands general clinical cleaning cycles with cleaning agents typically used in such environments. This is an important consideration for facility managers and asset owners when considering ongoing maintenance.

Low odour formula > Allows for the facility to return to service quickly and is important for both patient and applicator comfort.

Where to use?

Ideal for interior and exterior doors, windows and trims in general and high intensity clinical environments. Used in high intensity clinical environments where harsh cleaning agents such as chlorine agents, quaternary ammonium agents, disinfecting wipes, low level biocides/quaternary ammonium and benzalkonium chloride are frequently adopted.

FAQs

What are the gloss levels?

Gloss: Gloss Level 75–85 units at a 60 degree viewing angle.

Semi gloss: Gloss Level 40–50 units at a 60 degree viewing angle.

Is the product tintable?

Yes, with Decorama tinters, to a wide range of colours from a white base.

How many coats do I require?

The product requires two coats as mentioned above, however some colours may require more than two coats, especially when painting over dark colours.



ZONE HIGH INTENSITY WHERE BROADWALL



SteriGuard Ultra

Dulux Professional® SteriGuard® Ultra is a two part durable polyurethane that when mixed, uses Bayhydrol® Water Based Technology from Bayer MaterialScience to produce an ultra tough, chemical resistant interior finish designed to withstand high intensity cleaning cycles in clinical environments. The low VOC†, low odour formula ensures quick return to service with less disruption. Dulux Professional SteriGuard Ultra contains Bio-Pruf™ Technology, allowing it to withstand clinical cleaning cycles, therefore assisting in the protection against the growth of mould and mildew, helping to keep surfaces clean and help maintain good interior air quality. All Dulux Professional products are designed to meet the application needs of painters.

Features

Contains Bio-Pruf™ Technology > Assists in the prevention of mould and mildew growth when used in conjunction with clinical cleaning programmes.



Ultra hard wearing > Withstands high intensity clinical cleaning cycles. This is an important consideration for facility managers and asset owners when considering ongoing maintenance. The Bayhydrol® Water Based Technology helps to achieve this ultra tough, chemical resistant, specialty coating.

Low odour, low VOC formula > Allows for the facility to return to service quickly and is important for both patient and applicator comfort. This also assists in the maintenance of good interior air quality.

Where to use?

Ideal for broadwall areas in high intensity clinical environments such as trauma bays, emergency rooms and procedure rooms, intensive care, and laboratories in such environments as hospitals, veterinary and dentist practices, prisons, aged care, medical centres, gym and sports facilities. High intensity clinical cleaning cycles use harsh cleaning agents such as chlorine agents, quaternary ammonium agents, disinfecting wipes, low level biocides and benzalkonium chloride on a frequent basis.

FAQs

What are the gloss levels?

White: Gloss Level 4–10 at a 60 degree viewing angle (Low Sheen).

Clear: Gloss Level 7–12 at a 60 degree viewing angle (Low Sheen).

Is the product tintable?

Yes, the white base is tintable with Decorama tinters. Maximum tinter 2Y/L. Available in any Dulux colour tinted from a white base within the Dulux World of Colour. Please remember to tint Part A only. Clear is not tintable. If tinting the white, please use 4L tint formula in Part A only.

How many coats do I require?

The product requires two coats as mentioned above, however some colours may require more than two coats, especially when painting over dark colours.

Can I spray this product?

This product is not to be sprayed (contains isocyanate).

When brushing and rolling this product appropriate PPE (Personal Protective Equipment) should always be worn. This includes safety glasses, impervious gloves and overalls as a minimum. Refer to the product Safety Data Sheet for full information.

What is the pot life of this product?

The pot life of SteriGuard Ultra is 2 hours at 25°C (3.75L mixed volume).

† Low VOC content: This paint contains less than 16g per litre (untinted and tinted) of VOCs (Volatile Organic Compounds). VOCs contribute to atmospheric pollution.



ZONE GENERAL CLINICAL WHERE WOODCARE

Intergrain® UltraClear™ Interior

Intergrain UltraClear Interior is a tough, water based, interior clear timber finish that will give protection to interior timber by sealing the porous timber surface and making it easy to clean. Incorporating UV absorbers, UltraClear Interior is suitable for all interior areas as it will not yellow over time. Use on interior timber such as doors, windows, panelling and joinery, to produce a gloss or satin finish while maintaining the original colour of the timber. Not suitable for flooring.



Intergrain® UltraClear™ Exterior

Intergrain UltraClear Exterior is a tough, water based, exterior clear timber finish that contains UV absorbers to provide protection against Australian weather conditions. Use on exterior timber such as doors, window frames and cladding to produce a gloss or satin finish that will maintain the original colour of the timber. Not recommended for harsh environmental conditions (e.g. within 1km of the coast). Not suitable for trafficable surfaces such as decking or walkways.



Intergrain® NaturalStain™

Intergrain NaturalStain is a high performance, semi-transparent, water based stain designed to transform the colour of timber. NaturalStain guards exterior timber from Australia's harsh conditions, as well as the abrasive effects of foot traffic. Suitable for interior and exterior use on all timber including decking, doors, trim and cladding. For a slip resistant finish, Intergrain UltraGrip® slip resistance additive can be added into each coat of NaturalStain.



Intergrain® Enviropo® Endure 2 Pack

Intergrain Enviropo Endure 2 Pack is a water based polyurethane commercial floor coating that produces an extra tough, clear finish for timber floors. Available in gloss and satin, Intergrain Enviropo Endure 2 Pack is fast drying and has excellent wear and scratch resistance. It preserves the natural colour of the timber and will not darken or yellow over time. For a slip resistant finish, Intergrain UltraGrip® slip resistance additive can be added into each coat of Enviropo Endure 2 Pack. Suitable for use on interior timber floors, stairs, parquet and cork.



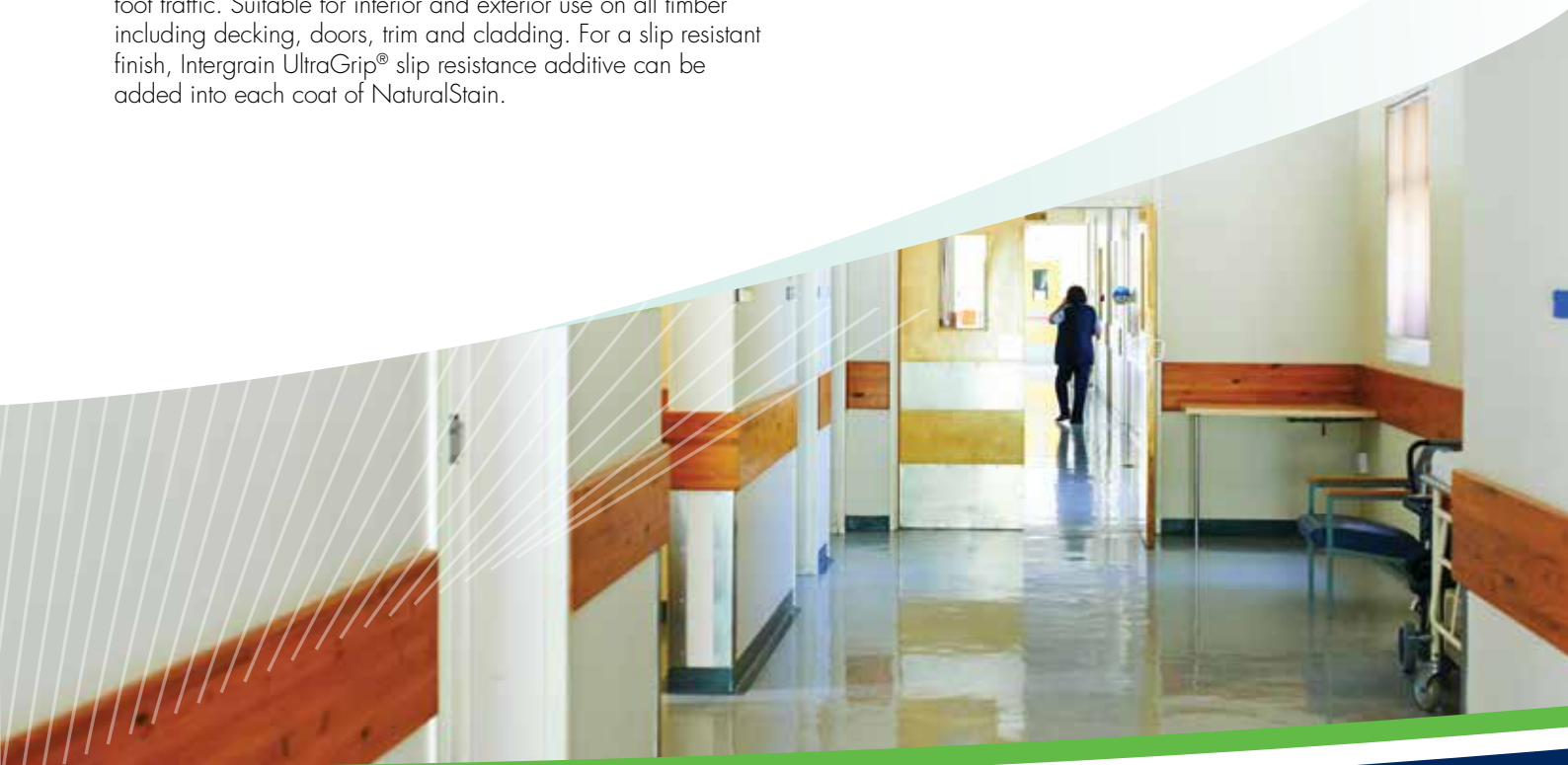
Timber/MDF

Luxepoxy® 4 White Primer

Luxepoxy® 4 White Primer is a two-pack epoxy primer for MDF and hardwood joinery, and is the preferred primer for high performance epoxy, polyurethane, enamels and water borne acrylics. It displays a high degree of solvent, chemical and abrasion resistance.



Luxepoxy® 4 White Primer is typically used as a primer for non ferrous metals, timber and MDF joinery, trims and doors in treatment, operating and high traffic areas such as hallways of hospitals.



ZONE GENERAL CLINICAL & HIGH INTENSITY WHERE INTERNAL FLOORING

Concrete Flooring

Luxafloor® ECO₂

Luxafloor® ECO₂ is a low build, water borne, two pack epoxy floor coating that provides a hardwearing surface. It is ideal for use in areas subject to foot traffic.



With a VOC level of less than 10g/L Luxafloor® ECO₂ is ideal for use in internal floor areas where the odour of conventional epoxy floor coatings prevents their use. Luxafloor® ECO₂ Clear Coat is suitable for use direct to diamond ground concrete or as a protective coat over a colour finish.

Luxafloor® Rollcoat

Luxafloor® Rollcoat is a high build, high solids, two pack epoxy floor coating that provides a hardwearing surface. It is ideal for use in areas subject to foot and rubber-tired vehicle traffic. Can be applied as a slip resistant finish to provide maximum safety by using a suitable aggregate.



Luxafloor® Rollcoat is ideal for use in internal back of house areas such as bin corrals etc. It provides a tough, attractive gloss finish that is easily cleaned.

Luxafloor® Aggregates

Luxafloor® Aggregates are slip resistant additives designed to provide a safe and aesthetic slip resistant surface for light traffic in both dry and wet conditions.

Luxafloor Aggregates are suitable for use in Luxafloor ECO₂ and Luxafloor RollCoat.

Luxafloor Aggregates are available in stir-in grades or as a broadcast aggregate making them suitable for a wide range of non-slip flooring requirements. Areas of application can range from public pedestrian surfaces, car parks, and back of house areas to floors requiring high slip resistance such as commercial kitchens and industrial areas.

Slip Ratings as per AS/NZS4586

Aggregate	System	Wet Pendulum	Wet Ramp
Stir-In Fine	Luxafloor ECO ₂	W	R11
Stir-In Coarse	Luxafloor RollCoat	W	R10
Broadcast No.36	Luxafloor RollCoat	V	N/A

ZONE GENERAL CLINICAL WHERE EXTERNAL WALLS AND ROOFS

AcraShield® Advance

Elastomeric weatherproofing and anti-carbonation barrier coating. Specified for use as a stand alone anti-carbonation coating for steel reinforced concrete (Precast, Off Form, Tilt Slab) or as a system topcoat elevating Texture System performance over rendered or lightweight cladding facades.



Dulux AcraTex AcraShield Advance is a mid-build, Elastomeric performance coating applied by conventional nap roller or airless spray to form a finishing barrier coat in AcraTex Texture and anti-carbonation systems. Available in Matt and Low Gloss finishes across the full Dulux World of Colour range, AcraShield delivers a paint like appearance with film builds twice that of standard decorative paint for enhanced crack bridging performance. AcraTex Texture Systems are specified with AcraShield weather-proofing topcoat for optimum life cycle efficiency.

Coventry Coarse

Contemporary Coloured Render Style, AcraTex Flexible Acrylic performance.

Dulux AcraTex 951 Coventry Coarse is our market leading, flexible acrylic texture that delivers a traditional float finish render style in a fine-medium grain, coloured, full acrylic coating. Applied by traditional hawk and trowel plastering methods over base rendered and prepared brick or blockwork and all suitably flushed and prepared masonry substrates. Specified in system with AcraShield weather-proofing barrier topcoat for optimum life cycle efficiency



The AcraTex 3-step system

The AcraTex 3-step system encapsulates masonry walls in a membrane envelope acting as a barrier against adverse weather conditions for years longer than cement render. Available across the full Dulux® Exterior colour range.

Cool Roof Commercial

Reflects more of the sun's radiation which may improve the cooling efficiency of existing buildings. Dulux AcraTex® Heat Reflective Systems are used for upgrading existing galvanised iron, zincalume and pre-coated metal roofing to Dulux® Cool Roof performance.

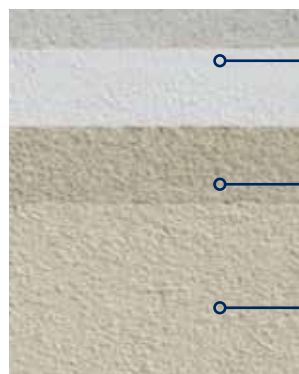


Cool Roof has been shown to offer benefits across a range of installations including air-conditioned and non air-conditioned low rise commercial buildings. Benefits are more direct in single storey or low rise buildings with low pitch roofs due to the higher ratio of exposed roof area to floor area and where insulation levels are low. In each situation, internal benefits will be influenced by factors including colour choice, building design (including roof pitch, materials and window placement), insulation and ventilation, occupancy use, shading, location and climate conditions.

For more information on how the benefits of Cool Roof may apply to your roof please visit: dulux.com.au/specifier/our-brands/dulux-acratex/infracool

The AcraTex® 3-step system

Suitably prepared masonry substrate (refer to AcraTex system guide for detail)



AcraTex AcraPrime™

More than just a 'first coat' AcraPrime consolidates the substrate providing a stable base for long term integrity.

AcraTex Coventry™

High Build Acrylic Texture up to 40 times thicker than paint, providing feature style and Acrylic Texture durability with colour integrated throughout.

AcraTex AcraShield®

Elastomeric Barrier coat protection up to 3 times thicker than paint – AcraShield is the system that ensures maximum resistance to the elements and extended system life cycle.

ZONE GENERAL CLINICAL WHERE EXTERNAL WALLS

Working with top chemists in a range of Australian testing locations, we've evolved our paint technology to a world-class standard. Dulux Weathershield will provide complete protection from wind, rain, sun, snow, temperature and humidity.

Dulux Weathershield's unique formulation is based on cross linking technology that works to strengthen the paint to improve adhesion and moisture resistance. This technology also helps to deflect damage from harsh UV rays, dirt and pollution as well as resisting rust from exposed nail heads, bolts or concrete. Most building materials expand and contract with temperature fluctuations, which can lead to cracking in paints. Dulux Weathershield contains our unique MaxiFlex™ stretch technology, which gives a tough, flexible finish for long-life protection from the extremes of weather. In addition to this, the blocking properties in Weathershield prevent any tannin from bleeding through the paint film, which keeps the paint surface as fresh as the day it was painted.

Dulux Weathershield also offers the broadest range of exterior durable colours so you needn't compromise.

Colour durability and retention

Only Dulux Weathershield offers the broadest range of exterior durable colour:

- Maximum resistance to fading, chalking and dirt resistance.
- Chromamax® bases allow bright, bold colours to deliver superior opacity in fewer coats with less tinter.
- All Dulux colours on the Dulux colour wall are exterior durable, unlike competitors.

Our Commercial Guarantee*

Dulux guarantees that Weathershield will not peel, flake or blister for 15 years, provided it is applied on properly prepared surfaces by a paint professional as per an approved written Dulux DuSpec specification.

Weathershield® Matt

A high opacity, acrylic paint for use on exterior masonry surfaces. Its tough flexible finish gives long-life protection from the extremes of weather. Ideal sheen level for masonry walls. Its low gloss level helps to hide surface imperfections and irregularities over large areas such as rendered walls and concrete.



Weathershield® Low Sheen

Its unique MaxiFlex™ Stretch Technology gives a tough flexible finish for long-life protection all Australian weather conditions. The most common option for exterior walls as it provides greater protection against mould, dirt and stains.



Weathershield® Semi Gloss

Provides a smooth, lustrous finish for areas such as walls and trims. This sheen level has been matched to Colorbond for a consistent appearance. Its unique MaxiFlex™ Stretch Technology gives a tough, flexible finish for long life protection from the extremes of weather.



Weathershield® Gloss

Its unique MaxiFlex™ Stretch Technology gives a tough flexible finish for long-life protection all Australian weather conditions.



Weathershield® Render Refresh Low Sheen

A high build exterior render and masonry crack bridging paint. Not only does it fill and bridge fine cracks while you paint, it also helps resist mould, dirt and stains.



* This guarantee does not cover paint failure caused by any breakdown of coatings applied previously, where Dulux Weathershield is applied over coatings not specified by Dulux, or in the event of substrate failure or faulty application. To claim, you must be living in the house you have painted with Dulux Weathershield. Refer to product label for full conditions. This guarantee does not limit and may not necessarily exceed your rights under the Competition and Consumer Act 2010.

ZONE GENERAL CLINICAL WHERE INTERNAL STEELWORK



Internal Steel

Durepon® P14

Durepon® P14 is a two pack epoxy zinc phosphate primer and is recommended as an anticorrosive primer for suitably prepared steel surfaces.

Durepon® P14 is normally overcoated with polyurethane or acrylic finishes depending upon end requirements.



Duremax® GPE

Duremax® GPE is a general-purpose epoxy intermediate coating used on suitably primed steel in high humidity and chemical environments such as in commercial laundries, steam rooms, therapy baths and swimming pool areas.

Duremax® GPE forms a barrier that impedes the transfer of moisture and corrosive chemicals.

Duremax® GPE is compatible over inorganic zinc and epoxy primers such as Durepon® P14 and can be topcoated with a wide range of coating types such as Luxathane® HPX or Weathermax® HBR.



ZONE GENERAL CLINICAL WHERE EXTERNAL STEELWORK

New Steel

Zincanode® 402

Zincanode® 402 is a high performance zinc-rich epoxy primer. The high level of zinc metal in Zincanode® 402 provides superior galvanic corrosion protection to all types of steelwork.



Luxathane® HPX

Luxathane® HPX is a high gloss, two-pack polyurethane finish with outstanding UV resistance, durability and gloss retention – the premium topcoat where high visual impact and long term durability are important. Specially formulated for spray application in shop, Luxathane® HPX is easy to apply to a smooth, high gloss finish. Equally suitable for both exterior and interior areas, Luxathane® HPX offers design flexibility over suitably primed steel, galvanised steel, concrete, MDF or joinery.



Steel Maintenance

Durebild® STE

Durebild® STE is a versatile high performance surface tolerant epoxy maintenance coating over power tool or high-pressure water cleaned substrates where abrasive blasting is impractical or not allowed. It can be applied directly to properly prepared concrete (walls and floors), aluminium, galvanised steel and existing, tightly adhering coatings. It provides excellent protection against the splash and spillage of a wide range of chemicals. Durebild® STE can be easily topcoated. Tested in accordance with AS4548.5 Appendix C & D for use as a concrete anti-carbonation coating system when used with Weathermax® HBR.



Weathermax® HBR

Weathermax® HBR is a gloss, high build two pack recoatable polyurethane finish designed for easy application by brush and roller in situ, or by spray in shop over a wide range of suitably primed substrates such as mild steel, galvanised steel, concrete and aluminium.



Weathermax® HBR is a high performance coating that exhibits excellent gloss, colour retention and graffiti resistance in areas of high public access. It is compatible with both epoxy primers such as Durepon® P14 and intermediate coatings such as Duremax® GPE.

MINIMISING OUR ENVIRONMENTAL IMPACT



Helping to reduce the whole life environmental impact

Ensuring that facilities are run in a sustainable and socially responsible way is a high priority for healthcare professionals whether working in the public or private sphere. As an organisation we are passionately committed to helping facilities achieve their sustainability objectives.

Our particular focus is on reducing the whole life environmental impact of the decorating process, while maintaining the highest professional standards. Our products and services can therefore play a key role in helping health professionals and facilities reduce a project's environmental impact over its life cycle:

- By using environmentally conscious materials
- By increasing the intervals between re-decoration

Dulux can help you to meet the increasingly demanding sustainability targets being set, as well as transform patients' surroundings to create healthy and healing environments.

Our account team will present to you the large suite of Dulux products that meet above and beyond the guidelines as set out by the GBCA. It is a focus for our business that we continue to deliver product solutions that meet these needs for low VOC and low odour.



Envirowash®

A revolutionary wash system providing businesses with an environmentally responsible mode of washing out paint tools. This responsible water based paint waste management system converts water borne paint washings into clear water and solid waste.

Benefits

- Enables cleaning of painting tools and responsible treatment of wash-water.
- For use with water based paints and water based timber coatings.



Brush Cleaner

An environmentally responsible alternative to traditional cleaning methods, removing water based paint from multiple brushes quickly, with no mess and no fuss.

Benefits

- Reduces clean up time of multiple synthetic brushes.
- For use with all water based paints.
- Use with Dulux EnviroSolutions Brush Wash Solution Only.
- Environmentally responsible – minimises water usage.



Brush Wash Solution

An advanced formulation delivering a convenient and fast way to clean and restore synthetic brushes and synthetic roller covers. It works on water based paints as well as solvent based paints including enamels, varnishes, shellacs and polyurethanes. An environmentally responsible alternative, replacing the need to use flammable solvents like turpentine when cleaning brushes from solvent based paints.

Benefits

- For synthetic brushes and synthetic roller covers.
- Use to wash out water based and solvent based coatings.
- Non Flammable.



Roller Cleaner

Environmentally responsible water based paint wash system for your roller sleeves allowing you to clean paint roller sleeves in seconds and with minimal water usage and mess.

Benefits

- Enables fast, effective cleaning of roller sleeves.
- For use with all water based paints.
- Environmentally responsible – minimises water usage.



Waste Paint Hardener

Turns unwanted water based paints and water based timber coatings into solid waste for easy disposal.

Benefits

- Easy disposal of unwanted paint.
- Use with most water based paints and water based timber coatings.

FOSTERING COLLABORATION IN YOUR FACILITY

INTRODUCING DRYERASE



About the range

Dulux Professional DryErase is a wet on wet, two pack product. It is the leading roller applied whiteboard paint that transforms a painted surface into an erasable canvas. Dulux has partnered with innovative US company Idea Paint who seek to find new ways to collaborate and share at work, at home and at school.

It is recommended that the product is applied by a professional applicator.

Dulux Professional DryErase is a clear coat finish available in a 5m² pack. This allows the existing colour of the pre-painted surface to show through, opening up a world of collaborative opportunities.

Why use it?

- Dulux Professional DryErase is a patented product manufactured by our technology partner Idea Paint, a global leader in whiteboards and learning environments.
- Unlike many competitor products Dulux Professional DryErase will erase clean without leaving any shadows.

- DryErase can be applied to pre-painted surfaces and suitably prepared new surfaces. It is important to note that for the optimum white surface, Dulux recommends Dulux Wash & Wear Low Sheen – Vivid White which would then be coated with Dulux Professional DryErase Clear.
- The product is only for application by professional applicators and can be used at work, home and educational institutions.
- The product will only be as smooth as the surface it is painted on; so follow the instructions carefully.

Product benefits

- Turns a painted surface into an erasable canvas.
- Erases clean.
- Easy, wet on wet roller application.
- Clear finish that can be used over any suitably prepared surface.
- Drives collaboration and sharing.

Where to use DryErase

At work

Transform your office into a boundless erasable canvas, giving you the space to fully explore ideas.

Accelerate innovation by getting people on their feet working together in ways never before possible.

Paint an entire room and create a 360° working environment. Professional DryErase will improve the way people work and the way they work together, helping them collaborate more effectively, be more creative and ultimately deliver better results.





DULUX SPECIFIER SUPPORT

For architects and designers – new works and constructions

Providing all the support you need

Particularly challenging or groundbreaking projects can call upon the support of a complete suite of technical specification services from Dulux Trade, which can be selected to match the size and needs of your project.

Site surveys

Dulux Trade Specifier Account Managers can carry out a full site inspection. This will include assessment of the current condition of surface coatings, help with identification of difficult substrates and advice on extending maintenance cycles.

Specification writing

Dulux Trade can offer full specification support tailored to your individual requirements. This will ensure that correct preparation is highlighted and the products specified are the most appropriate for the location, environment and substrate type.

Contract meetings

Dulux Trade Specifier Account Managers can attend pre-contract, tenant liaison, project review and post-contract assessment meetings, ensuring collaboration and clear communication from concept to completion.

Site visits

During the course of the work, if required, site visits can be made to ensure that work is being carried out correctly and in accordance with the specification.

Reporting to project owners

A critical element of any project is minimising down time. Knowing the status of the work in progress and thus keeping control of events is equally important. The Dulux Trade Specifier Account Managers will ensure that Property Managers are kept closely informed about the status of all work in progress.

Colour service

For larger painting projects, our expert Dulux Trade Colour Consultants can provide help and advice on colour schemes and may use our unique colour specification software. We can also help improve your environment for the visually impaired in-line with Federal and State based legislation.

Health and safety

We can help and advise on Health and Safety issues relevant to the use of Dulux products.

Waste management

Waste from completed work can be disposed of safely and quickly with our wash systems and recycling services. Dulux can advise on the best solution for your needs.

Contact us

For product information or datasheets please visit our website at dulux.com.au/specifier



DULUX PROPERTY SERVICES

For maintenance and upkeep of the facility

More than just paint

- Site inspection reports
- Detailed coating specifications
- Dulux colour and product samples
- Reliable site support and services
- Warranties

To ensure your project receives the best protection and decoration of Dulux quality coatings, please contact Dulux customer service on 13 23 77 or email propertyservice@dulux.com.au

Site inspection reports

- To ensure the correct choice of Dulux colour and product solutions for your project we will arrange for one of our property services managers to visit your site
- Following a thorough inspection of all existing coatings and substrate types (e.g. timber, metal, brick, render), a full condition report will be provided, including any areas in need of repair.

Detailed coatings specifications

- Dulux will prepare a comprehensive coatings specification for all areas that require painting/re-painting.
- The scope of work will highlight any areas that require special preparation prior to painting and advise if any remedial works are required.

Dulux colour and product samples

- Dulux will provide A4 size colour and texture samples to enable you to assess individual colour, colour schemes and surface textures for your repainting or refurbishment project.
- Wet paint samples (up to 1L) can also be provided by Dulux for on-site application in order to check and agree colour and/or texture consistency.
- Dulux can provide access to its extensive network of Dulux Colour Consultants at special rates for all property managers and strata bodies. Digital images of your selected colours can also be provided at a preferential rate via our on-line colour bureau.

Reliable site support and services

- Reputable contractor recommended
- Site visits can be carried out by arrangement to ensure that selected contractors continue to meet the specified performance standards.

Warranties

- Dulux can provide a detailed Dulux Material Warranty in conjunction with painters and allied contractors to cover all paint and coating requirements.
- Details on how to care for painted surfaces and long-term maintenance needs will be included within any Dulux Material Warranty.

Contact us

For more information call Dulux Customer Service on 13 23 77 or email propertyservice@dulux.com.au



Worth doing, worth Dulux.®

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